EQUIPMENT LIST (CONT)	EQUIPMENT	LIST	(CONT)
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	PRUJECT DESCRIPTION						RUNS IN AN DIVISION
Ι.	GENERAL		В. Е	QUIPMENT TO BE FURNISHED AND/OR INSTALL	LED BY THE CONTRACT	TOR	DIRECTION MONTGON
	This project involves the modification of an Signal with interconnect at the intersection	existing Traffic Control	CATEGORY CODE	DESCRIPTION	QUANTITY		INTERSECTION: MD 355 a
	and MD 547 (Strathmore Avenue) / Georgetown F Montgomery County, MD 355 (Rockville Pike) i	Prep. Driveway in	201032	Class 2 excavation	3 CY		SIGNA
	north-south direction.	is assumed to tall a	585620	12" white heat applied permanent preformed	530 L.F.		SIGNAL NO. 3,6,9,12
	This project involves the replacement of the black faced signal heads. The side streets of			thermoplastic pavement marking.		The contact persons for District #3 are as follows:	TOTAL: 4
	Georgetown Prep. Driveway shall now operate of all loop detectors shall be replaced due to p	as a split phase. In addition. Dianned milling of the intersection.	585624	24" white heat applied	130 L.F.		LEGEND (R)
				permanent preformed thermoplastic pavement		Mr. Majid Shakib Assistant District Engineer - Traffic Phone: (301 513-7358	R RED Y
	INTERSECTION OPERATION	to a formation and a second second and a second as		marking.		Mr. Randy Brown	Y YELLOW
	1. The intersection is to operate in a NEM/ with the MD 355 (Rockville Pike) approach Exclusive/Permissive left turn phases sh	ches continuing to run concurrent.	648140	Monolithic concrete median 4', type A-1.	20 L.F.	Assistant District Engineer – Maintenance Phone: (301) 513–7304	G GREEN → ARROW F FLASHING 12" 12"
	approaches of MD 355 (Rockville Pike).		800000	Install conduit bend in	1 EA	Mr. Augie Rebish	12 12
	The pedestrian phases across MD 547 (Stron recall. New farside sampling station	rathmore Avenue) shall continue to be	800000	existing base. Pedestrian R10-4(1) sign.	1 EA	Assistant District Engineer - Utility Phone: (301) 513-7350	SE QUENCE SIGNAL
	MD 355 (Rockville Pike) and across MD 54 intersection. The MD 547 (Strathmore Av	17 (Strathmore Avenue) at this	000000	Note: Sign to read "PUSHBUTTON TO CROSS		Mr. Richard L. Daff, Sr.	NO. 1 2 3 4 5 6 7 8 9 10 1 G G Y R R R R R R
	approaches shall now operate as a split	phase.		ROCKVILLE PIKE".)		Chief, Traffic Operations Division Phone: (410) 787–7630	2 G G Y R R R R R R R R R R R R R R R R R
	2. The existing full-traffic-actuated, eight size "6" base-mounted cabinet shall be r	remain in use at this intersection. Four	800000	Furnish and install 2" schedule 80 rigid polyvinyl chloride	30 L.F.	The power company representative is:	4 G G Y R R R R R R F F F F F F F F F F F F F
	new 4-channel detector amplifiers with a shall be retrofitted into the exsiting a			conduit - trenched	0 54		6 G G Y R R R R R R R R R R R R R R R R R
			000008	Remove and dispose existing of equipment (includes signing and signal equipment removal).	8 EA		8 R R R R R R R R R R R R R R R R R R R
III.	SPECIAL NOTES		805115	Furnish and install 3" schedule	70 L.F.		10 R R R R R
	1. The Contractor shall be responsible for excluding interconnect, to the appropria		333113	80 rigid polyvinyl chloride conduit – bored.			13 WK FLOW DW
	label each cable.	shown on those plane are cohematic only	805135	Furnish and install 3" schedule	15 L.F.		15 DW DW DW DW WK F56W DW DW DW DV
	2. All underground and overhead utilities and may not be complete. The Contractor Miss Utility prior to construction so the	shall be responsible for notifying		80 rigid polyvinyl chloride conduit – trenched			PHASE 2 & 6 ALL RED 3 ALL RED
	the field. If the Contractor perceives and the traffic signal will occur, the (that a conflict between the utilities	805160	Furnish and install 1" liquid tight flexible non-metallic	80 L.F.		NOTES:
	Engineer immediately so that the conflic			conduit for detector sleeve.			
			811001	Furnish and install electrical handhole.	3 EA		
	EQUIPMENT LI	ST	811002	Remove existing handhole.	2 EA		
			813014	Install ground mounted sign.	67 S.F.		SUBMITTED: CHECKED:
Α.	EQUIPMENT TO BE SUPPLIED BY S.H.A.		813015	Install overhead sign.	26 S.F.	WIRING DIAGRAM	IN SERVICE BY: DATE:
CATEGORY	DESCRIPTION	QUANTITY	813022	Remove ground mounted sign.	38 S.F.		
CODE			846001	Furnish and install 4" x 4" wood p			
900000	Detector rack retrofit.	1 EA	860272	Furnish and install 12" vehicular traffic signal head section	48 EA		
963010	Detector amplifier 4-channel rack mount (To be installed into the existing cabinet by S.H.A.	4 EA	860278	(Black Faced) Furnish and install 12"	8 EA		EIC
	Forces).		000210	pedestrian signal head section (Black Faced)	O LA	B,C,H,J,N,P,AA,	G.H.N.AA.BB, CC.DD.EE
900000	Detector panel (To be instaled by SHA forces)	1 EA	861104	Furnish and install electrical	1330 L.F.	BB,CC,DD,EE	~V.W.X.Y.Z.EIC
900000	Detector rack power supply	1 EA		cable - 2 conductor (aluminum shielded).		N.AA.BB. CC.DD.EE 7	_ A.B.C.D.E.F.G.H.N.O.
900000	(To be instaled by SHA forces) Sheet aluminum signs to consist of:	15 SF	861106	Furnish and install electrical	275 L.F.	EIC-	P,AA,BB,CC,DD,EE EIC
300000	R3-5L "LEFT TURN ONLY"	1 EA		cable — 3 conductor (No. 14 AWG).		A	PEPCO A
	sign. (30" x 36") span wire mounted.		861107	Furnish and install electrical cable – 5 conductor (No. 14	265 L.F.	AA,BB,CC, N H B,C,H,N, ES	7694376138 Q.R.S.T.U
	R3-6 "LEFT TURN AND	1 EA		AWG).		BOLE P.AA.BB. CC.DD.EE	и Н Н
	THRU" sign, (30" x 36") span wire mounted.		861108	Furnish and install electrical cable – 7 conductor (No. 14	1200 L.F.	LW—BB	U——— Q,R,S,T,U
900000	Sheet aluminum signs to consist of: (Blue or Green)	78 SF	862101	AWG). Furnish and install loop wire	3645 L.F.	B.C.K.P A.D.E.F	
	M6-2 "arrow (symbolic)" left	3 EA	002101	encased in flexible tubing (No. 14 AWG).	3043 [].	C B,K,P D	LW
	diagonal sign, (15" x 21") ground mounted.		862102	Furnish and install saw cut	1025 L.F.	DD B A,E,F,L A	
	M6-2 "arrow (symbolic)" left	1 EA		for signal (loop detector).		E.F.L	
	diagonal sign. (15" x 21") pole mounted.					LW-LW-LW-LW-LW-LW-LW-LW-LW-LW-LW-LW-LW-L	- R
	M6-2 "arrow (symbolic)" right diagonal sign₁ (15" x 21")	3 EA				E·M7	S
	ground mounted.					P M M 7 F EL	MARYI
	S1—1 "SCHOOL" sign. (36" x 36") ground mounted.	6 EA					
	S1-1 "SCHOOL" sign. (36" x 36") pole mounted.	1 EA				E A-SH	TRAFFIC
	(30 × 30) pole moulled.					EL	
							(STRATH)
							RAFFIC STUDIES, LTD. Crain Hwy, NW. DRAWN BY: ROB CICC
						Į.	Crain Hwy, NW. Burnie, MD 20061 CHECKED BY: R. ZACHE! (410) 590-5500 SCALE: N/A

MD 355 RUNS IN AN

Ph (410) 590-5500 Fax (410) 590-6637

TASK-37

4122GI.dgn

SEQUENCE OF OPERATION SHEET

TRAFFIC OPERATIONS SECTION

DIVISION OF TRAFFIC ENGINEERING

MONTGOMERY COUNTY, MARYLAND

MD 355 and MD 547 / GEORGETOWN PREP

CRSECTION:

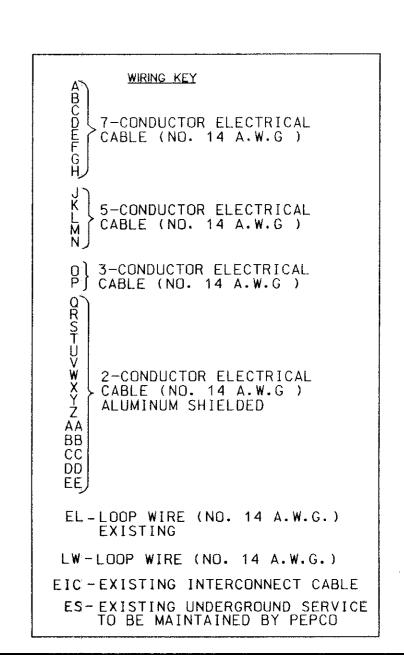
SCHOOL DRIVEWAY

							PHASII
		N Ø 0-11					
GNAL NO.	3,6,9,12		1,2,4,5	7,8, 10,11		13,14, 15,16	06: R 2 T & -
TOTAL:	4		4	4		4	$H = \frac{1}{6}$
LEGEND TOPTICALLY	R		R	R	R		
LIMITED RED	Y	Y	- Y- Y	(Y)	(-Y) (Y)		3 03
YELLOW GREEN ARROW FLASHING	G) 12"	12″	←G G 12"	G G 12	(12" 8"	9"or12"	

			*****				S	EQ	UEN	CE	OF	OP	ERA	TI	NC							E
SIGNAL										I	NTE	RVAL	-									Ā S H
NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	H
1	G	G	Υ	R	R	R	R	R	R	Ħ	R	R	∢ G⁄R	∢Y√R	R	∢ G√G	∢ Y√G	G	R	R	R	FL/Y
2	G	G	Y	R	R	R	R	R	R	R	R	R	∢G√R	∢Y-⁄R	R	∢ G√G	∢Y√G	G	R	R	R	FL/Y
3	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	R	R	R	FL/Y
4	G	G	Υ	R	R	R	R	R	R	R	R	R	⊲ G√R	∢Y-⁄R	R	R	R	R	⊲ G√G	∢Y√G	G	FL/Y
5	G	G	Y	R	R	R	R	R	R	R	R	R	⊲ G√R	∢ Y√R	R	R	R	R	⊲ G√G	∢Y≁G	G	FL/Y
6	G	G	Υ	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	FL/Y
7	R	R	R	R	R	R	R	R	R	G G -	Υ	R	R	R	R	R	R	R	R	R	R	FL/R
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9	R	R	R	Ŕ	R	R	R	R	R	G	Υ	R	R	R	R	R	R	R	R	R	R	FL/R
10	R	R	R	R	<u>€</u>	<u>G</u> ∢ G-	G ∢ G-	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	FL/R
11	R	R	R	R	- 4 G-	₹	₹ G	Υ	R	R	R	R	R	R	R	R	R	R	R	R	R	FL/R
12	R	R	R	R	₹ }	₹	₹Ġ	Υ	R	R	R	R	R	R	R	R	R	R	R	R	R	FL/R
13	WK	FLOW	DW	DW	DW	DW	DW	DW	DW	D₩	DW	DW	DW	DW	DW	WK	WK	WK	DW	DW	DW	DARK
14	WK	FLOW	DW	DW	D₩	DW.	DW	DW	DW	DW	DW	DW	DW	D₩	DW	WK	₩K	WK	DW	D₩	DW	DARK
15	D₩	DW	D₩	D₩	WK	FLYW	DW	DW	D₩	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK
16	DW	DW	DW	D₩	WK	FLOW	D₩	DW	DW	DW	D₩	DW	DW	DW	DW	;DW	DW	DW	DW	DW	DW	DARK
PHASE	2	& 6)	ALL RED			3		ALL RED		4	ALL RED	1 8	3 . 5	ALL RED	1 .	& 6	ALL RED	2	& 5	ALL RED	

TTED: CHECKED: APPROVED:

RVICE BY: DATE: TIME:



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Troffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 355 (ROCKVILLE PIKE) AND MD 547 (STRATHMORE AVE) / GEORGETOWN PREP

DRAWN BY: ROB CICCHINI	F.A.P. NO.		TS NO.	
CHECKED BY: R. ZACHERL	S.H.A. NO.		<u>41750</u>	SHEET NO.
SCALE: N/A	COUNTY:	MONTGOMERY	T.I.M.S. NO.	
DATE: <u>3/20/02</u>	LOG MILE:	15035505.27		2 OF 2

PROJECT DESCRIPTION